

Fig. 1A

SEQ ID NO. 3

ATGAGCAGC AGCTGCTCAG GGCTGAGCAG GGTCCCTGGTG GCCGTGGCTA CAGCCCTGGT
GTCTGCCTCC TCCCCCTGCC CCCAGGCCTG GGGCCCCCA GGGGTCCAGT ATGGGCAGCC
AGGGAGGTCC GTGAAGCTGT GTTGTCTCTG AGTGACTGCC GGGGACCCAG TGTCTCTGGT
TCGGGATGGG GAGCCAAAGC TGCTCCAGGG ACCTGACTCT GGGCTAGGGC ATGAACTGGT
CCTGGCCCAG GCAGACAGCA CTGATGAGGG CACCTACATC TGCCAGACCC TGGATGGTGC
ACTTGGGGGC ACAGTGACCC TGCAGCTGGG CTACCCTCCA GCCCGCCCTG TTGTCTCCTG
CCAAGCAGCC GACTATGAGA ACTTCTCTTG CACTTGGAGT CCCAGCCAGA TCAGCGGTTT
ACCCACCCGC TACCTCACCT CCTACAGGAA GAAGACAGTC CTAGGAGCTG ATAGCCAGAG
GAGGAGTCCA TCCACAGGGC CCTGGCCATG CCCACAGGAT CCCCTAGGGG CTGCCCCGCTG
TGTTGTCCAC GGGGCTGAGT TCTGGAGCCA GTACCGGATT AATGTGACTG AGGTGAACCC
ACTGGGTGCC AGCACACGCC TGCTGGATGT GAGCTTGCAG AGCATCTTGC GCCCTGACCC
ACCCAGGGC CTGCGGGTAG AGTCAGTACC AGGTTACCCC CGACGCCTGC GAGCCAGCTG
GACATACCCT GCCTCCTGGC CGTGCCAGCC CCACTTCCTG CTCAAGTTCC GTTTGCAGTA
CCGTCCGGCG CAGCATCCAG CCTGGTCCAC GGTGGAGCCA GCTGGACTGG AGGAGGTGAT
CACAGATGCT GTGGCTGGGC TGCCCCATGC TGTACGAGTC AGTGCCCGGG ACTTTCTAGA
TGCTGGCACC TGGAGCACCT GGAGCCCGGA GGCCTGGGGA ACTCCGAGCA CTGGGACCAT
ACCAAAGGAG ATACCAGCAT GGGGCCAGCT ACACACGCAG CCAGAGGTGG AGCCTCAGGT
GGACAGCCCT GCTCCTCCAA GGCCCTCCCT CCAACCACAC CCTCGGCTAC TTGATCACAG
GGACTCTGTG GAGCAGCTGG TGCCACGCGG TTCTCATCAC CATCATCACC ACTGA

Fig. 1B

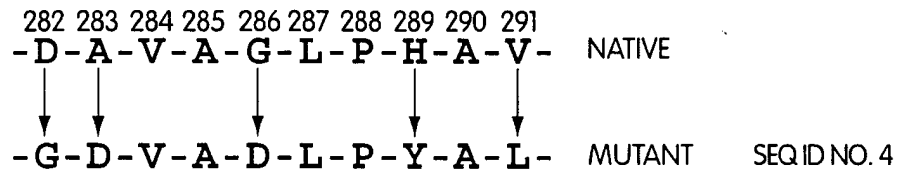


Fig. 2

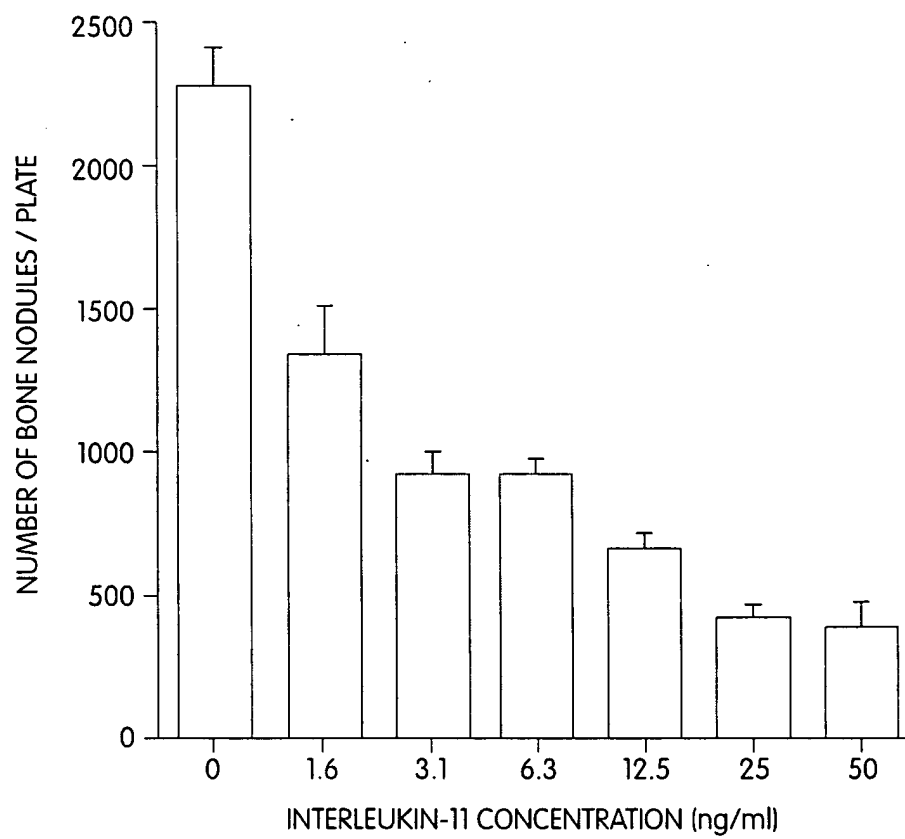
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 VTEVNPLGASTRLLDVSLQSIILRPDPPQGLRVESVPGYP**RRLR**ASWTYP
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 RVSARDFLDAGTWSTWSPEAWGTPSTGTIPKEIPAWGQLHTQPEVEPQV
 DSPAPPRPSLQPHPRLLDHRDSVEQVAVLASLGILSFLGLVAGALALGL
 WLRRRGKDGSPKPGFLASVIPVDRRPGAPNL

*BOLDDED AMINO ACIDS: HUMAN INTERLEUKIN 11 RECEPTOR PROTEIN
 SEQUENCE THAT INTERACTS WITH INTERLEUKIN 11

Fig. 3

	PEPTIDE	PEPTIDE SEQUENCE	ANTAGONISTIC ACTIVITY
SEQ ID NO. 1	1	RRLRASWTYPASWPCQPHFL	YES
SEQ ID NO. 2	2	TYPASWPCQPHFLLKFRLQY	NO

Fig. 4

**Fig. 5**

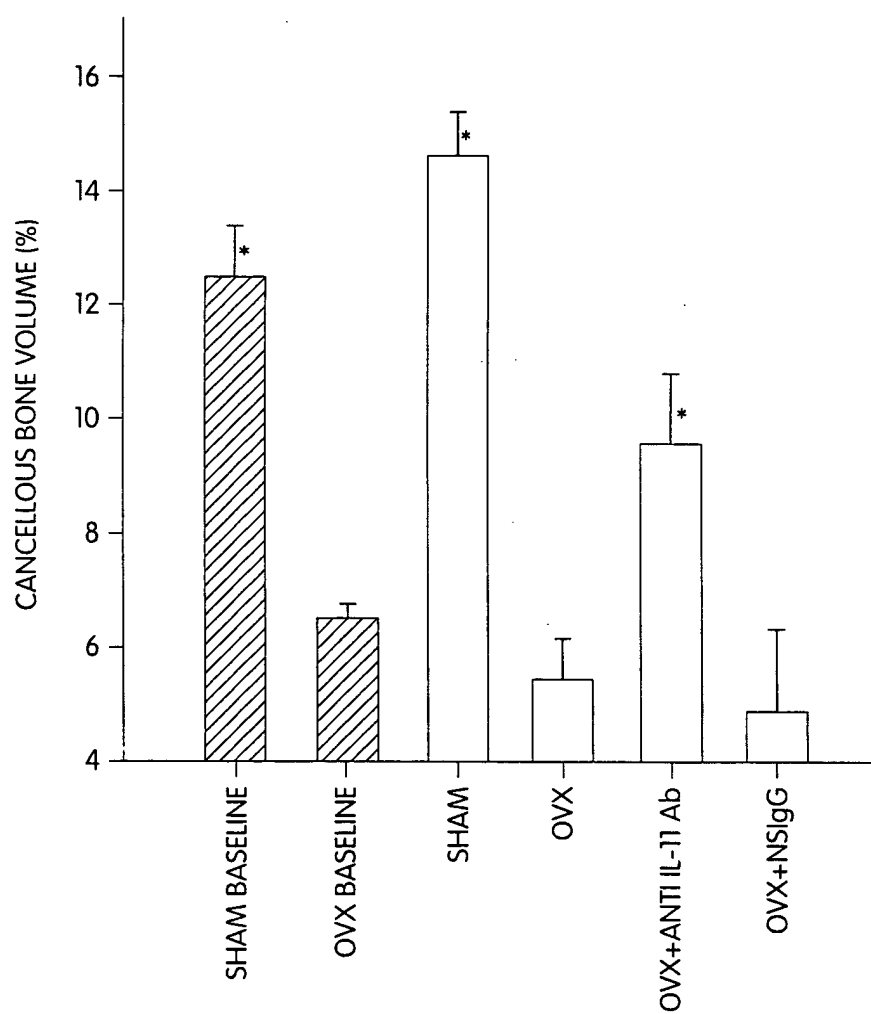


Fig. 6A

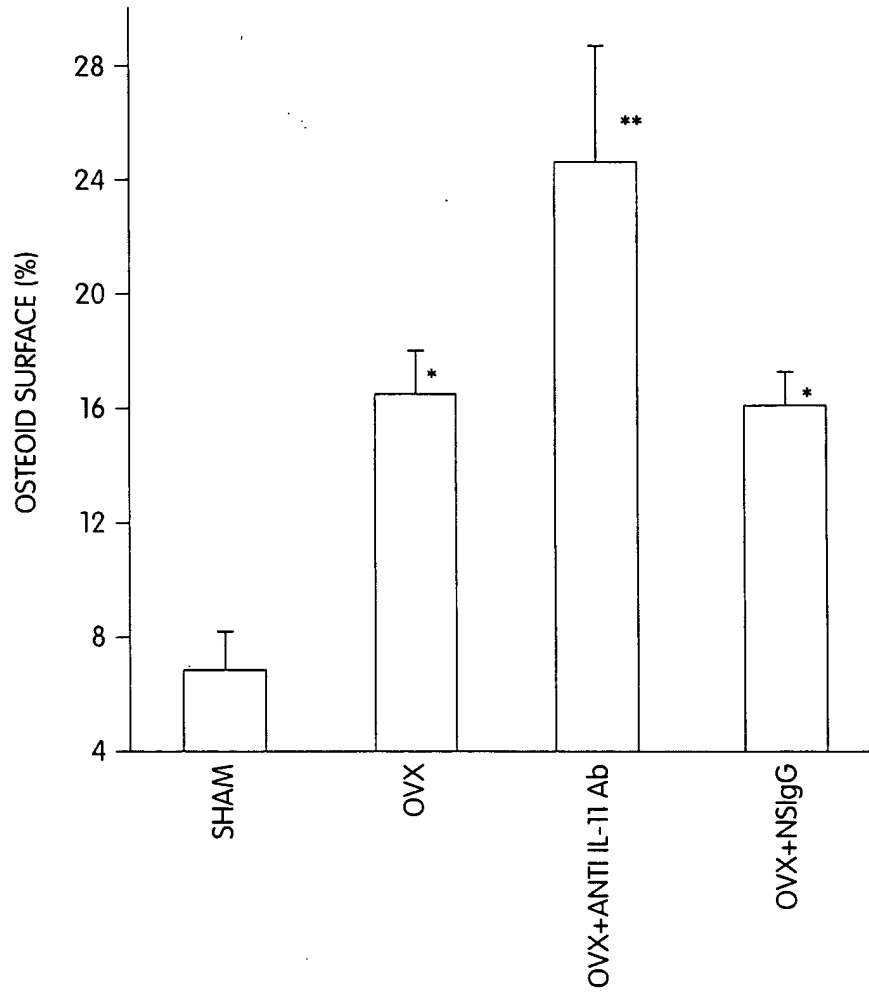


Fig. 6B

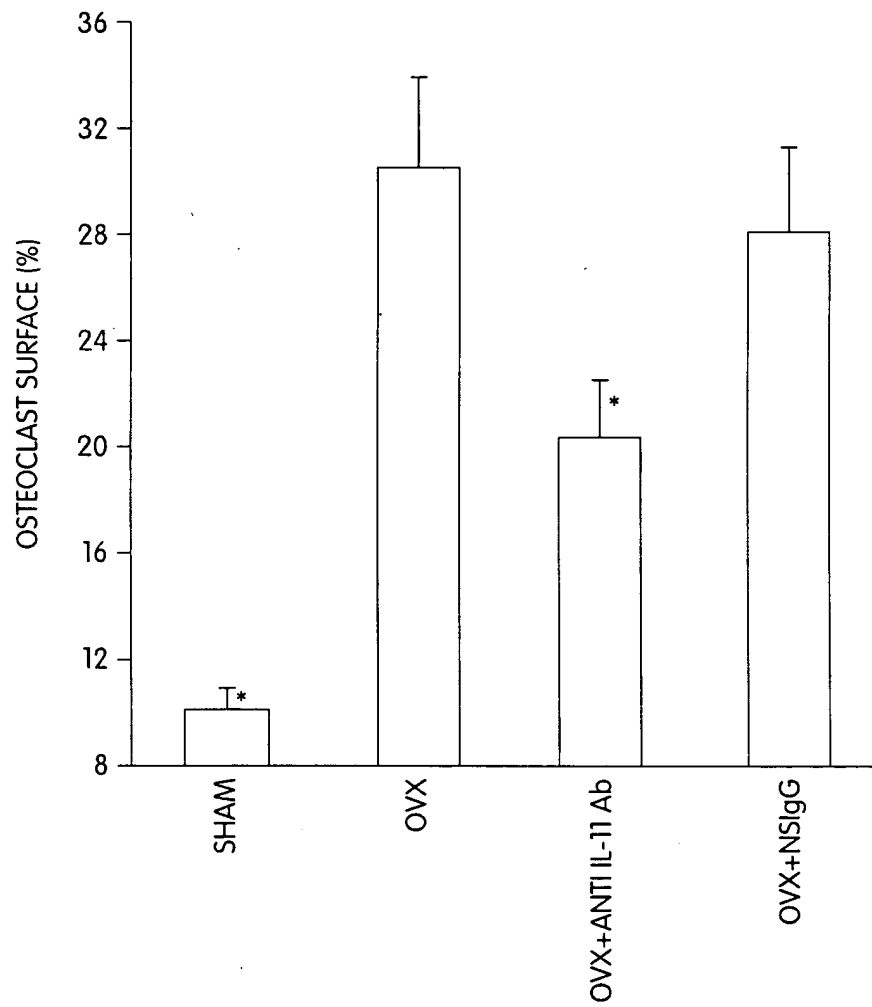


Fig. 6C

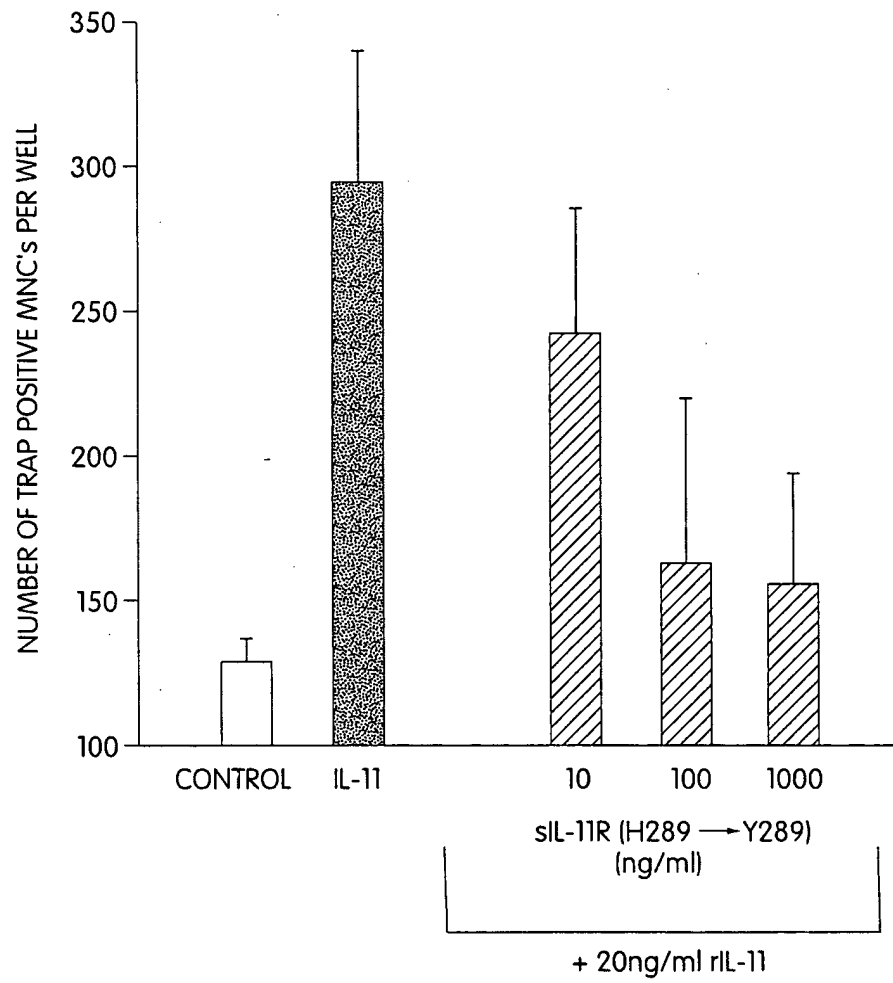


Fig. 7A

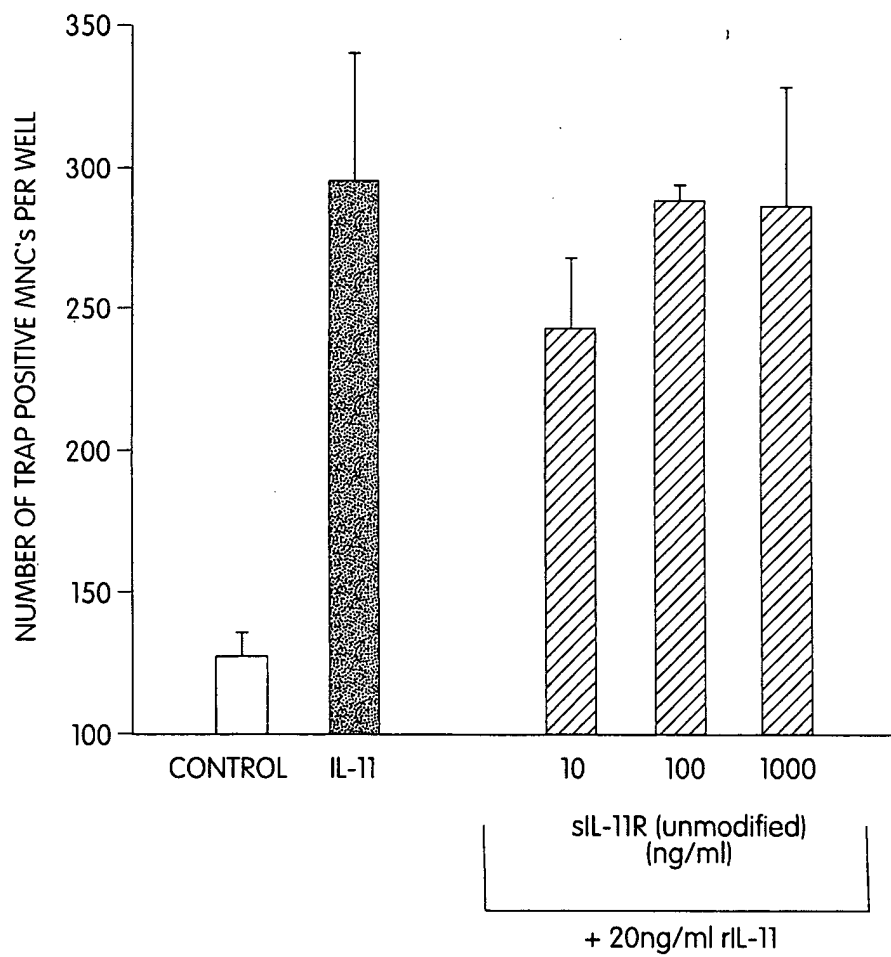


Fig. 7B

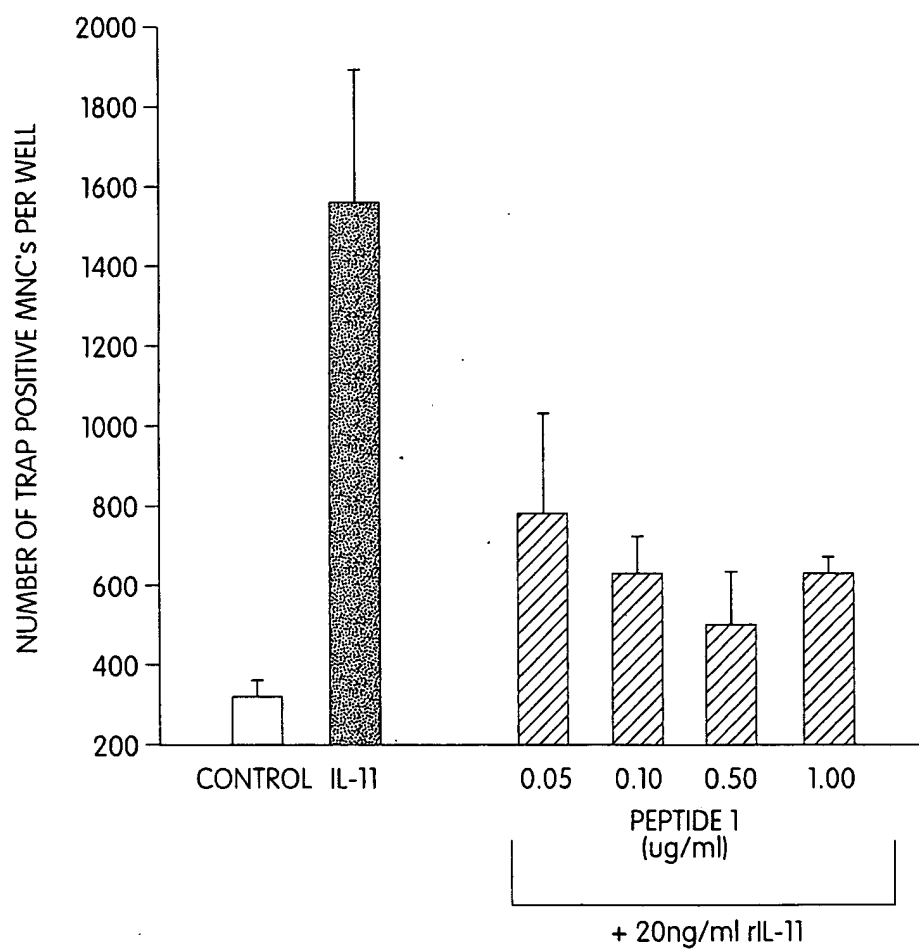


Fig. 8

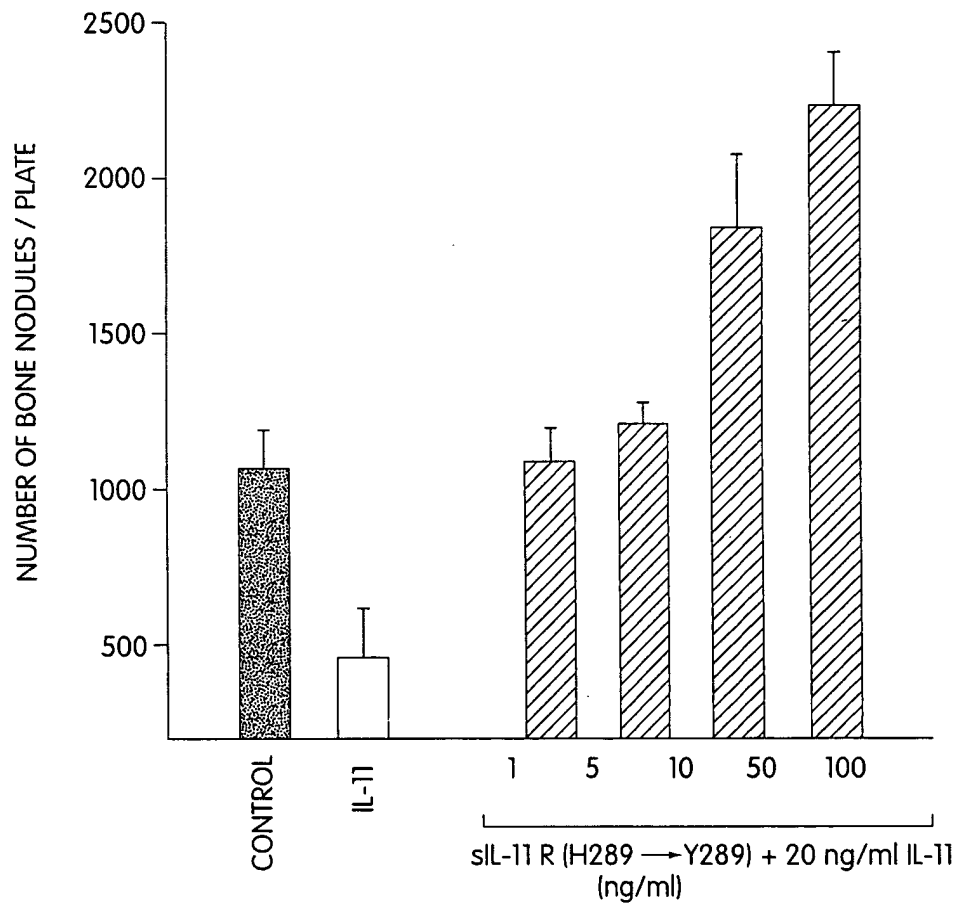


Fig. 9

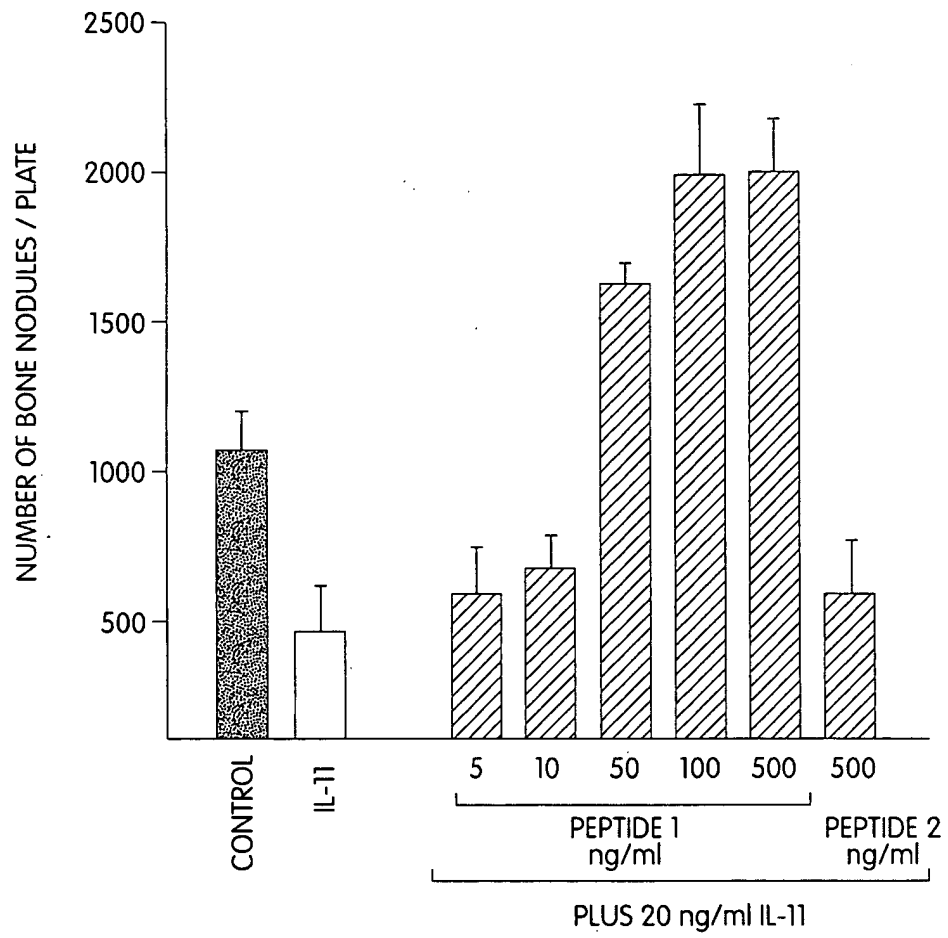


Fig. 10

Figure 11

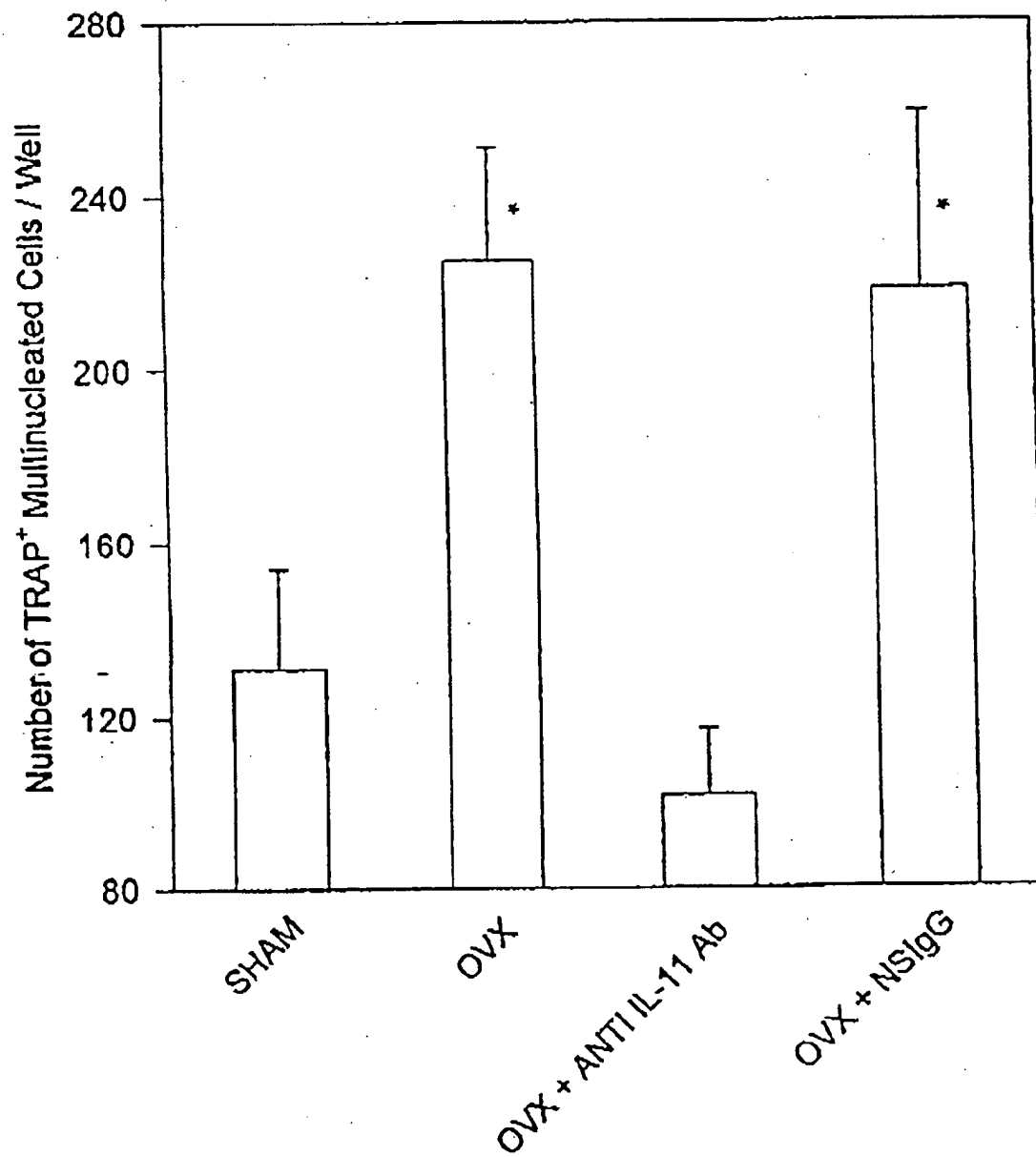
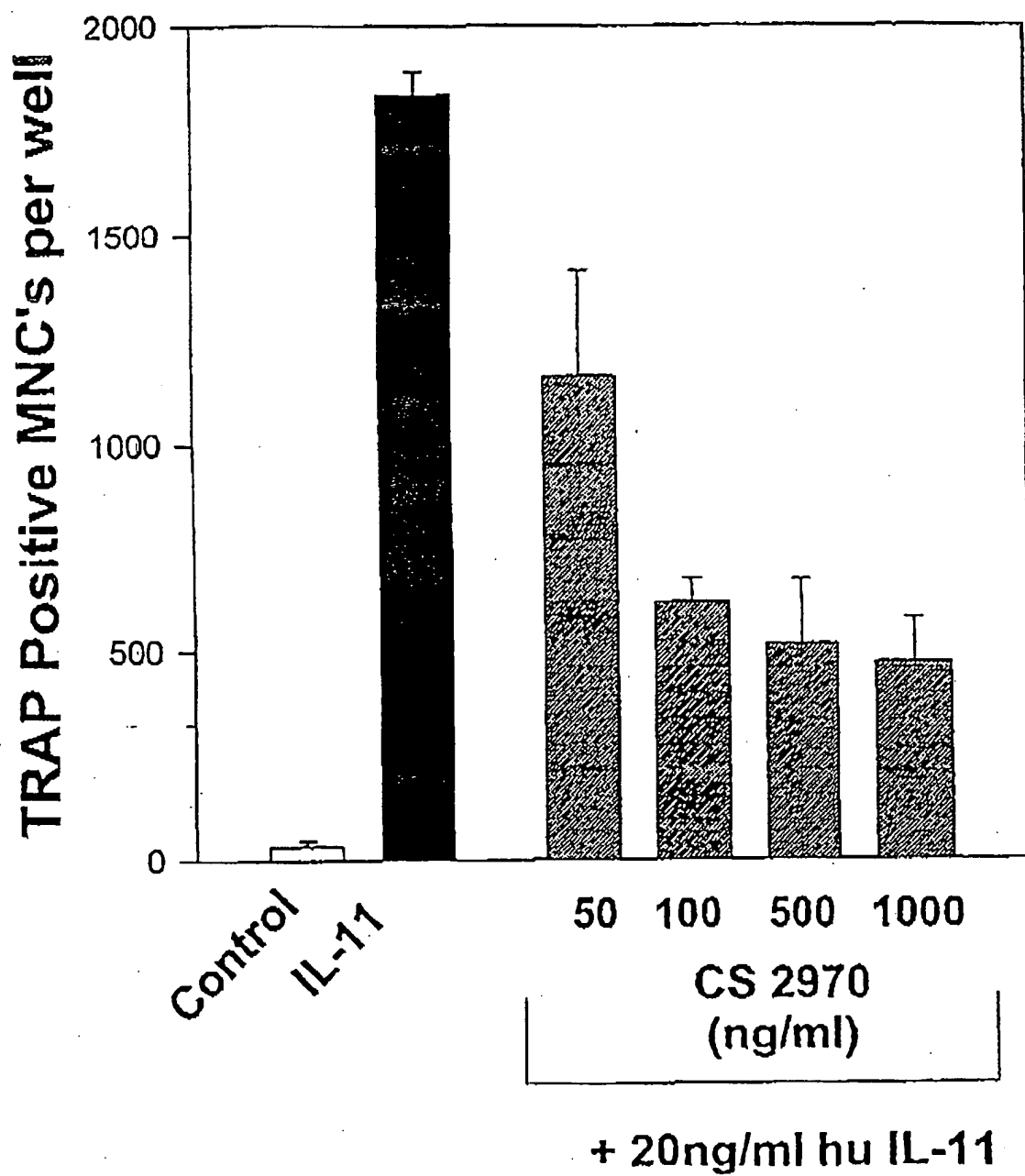


Figure 12



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